



## **Pocket Salinity tester LD-LPST-A10**

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# Pocket Salinity tester LD-LPST-A10

## Overview

Pocket Salinity tester LPST-A10 comes with 1 - 3 point calibration system. Equipped with platinum sensor, it provides fast and reliable results. The System menu allows setting of up to 5 parameters. It measures salinity of water and other low and high salt concentrated solutions. Equipped with replaceable electrode helps to reduce the maintenance cost.

## Features:

- Low to high measurement range of salinity
- Equipped with platinum sensor
- 1 - 3 points push button calibration with automatic recognition of calibration solutions
- Automatic temperature compensation for accurate measured value over the entire range
- Auto hold function freezes stable, final readings for better viewing and recording
- Automatic power off helps to reduce battery power consumption
- Waterproof features guarantees protection against harsh conditions
- Battery indicator to show the remaining battery capacity
- Reset function automatically resumes all the settings to default mode
- System menu allows setting of up to 5 parameters

## Applications:

Pocket salinity tester measures salinity i.e. dissolved salt from pure water, brine water, aquarium water, food & beverage processing units & other industrial applications.

## Specifications:

<b>Power</b>	2 x 1.5 V AAA batteries
<b>Weight</b>	100 g
<b>Power off</b>	Manual or automatic (8 minute after last key is pressed)
<b>Sensor type</b>	Platinum sensor
<b>Battery life</b>	Approximately 200 hours
<b>Cell constant</b>	K=1
<b>Reset function</b>	Yes
<b>Salinity accuracy</b>	± 1 % F.S
<b>Calibration points</b>	1 - 3 points
<b>Conductivity range</b>	0 - 20.00, 200.0, 2000 µS/cm, 20.00 mS/cm
<b>Data hold function</b>	Manual or automatic endpoint detection

<b>Temperature accuracy</b>	$\pm 1\text{ }^{\circ}\text{C}$
<b>Calibration solutions</b>	84 $\mu\text{S/cm}$ , 1413 $\mu\text{S/cm}$ , 12.88 $\text{mS/cm}$
<b>Conductivity accuracy</b>	$\pm 1\text{ \% F.S}$
<b>Dimension (L x Dia.)</b>	185 x 40 mm
<b>Temperature coefficient</b>	2 % per $^{\circ}\text{C}$
<b>Normalization temperature</b>	25 $^{\circ}\text{C}$
<b>Salinity measurement range</b>	0.00 to 10.00 ppt
<b>Temperature compensation range</b>	0 $^{\circ}\text{C}$ to 60 $^{\circ}\text{C}$ , 32 $^{\circ}\text{F}$ to 140 $^{\circ}\text{F}$